

CA-NV AWWA Water Loss Technical Assistance Program

Wave 4 Water Audit Level 1 Validation Document

Audit Information:

Utility: Corona DWP PWS ID: 3310037
 System Type: Potable Audit Period: Fiscal Year 2016/17
 Utility Representation: Stacy Joyce, Melinda Weinrich, Raul Arevalo
 Validation Date: 9/6/2017 Call Time: 1 PM Sufficient Supporting Documents Provided: Yes

Validation Findings & Confirmation Statement:

Key Audit Metrics:

Data Validity Score: 65 Data Validity Band (Level): Band III (51-70)
 ILI: 1.00 Real Loss: 23.47 (gal/conn/day) Apparent Loss: 14.15 (gal/conn/day)
 Non-revenue water as percent of cost of operating system: 4.3%

Certification Statement by Validator:

This water loss audit report has been Level 1 validated per the requirements of California Code of Regulations Title 23, Division 2, Chapter 7 and the California Water Code Section 10608.34.

All recommendations on volume derivation and Data Validity Grades were incorporated into the water audit. ☒

Validator Information:

Water Audit Validator: Lucy Andrews / Isabel Szendrey (support) Validator Qualifications: Contractor for CA-NV AWWA Water Loss TAP

Validator Provided



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Water System Name: City of Corona Department of Water & Power **Water System ID Number:** 3310037 **Water Audit Period:** Fiscal Year 2016/17

Water Audit & Water Loss Improvement Steps:

Steps taken in preceding year to increase data validity, reduce real loss and apparent loss as informed by the annual validated water audit:

Made an analysis of all of the water source meters and consolidated multiple sources into just the meters that are used to deliver water into the distribution system. This way, we minimize the individual meter errors. Performed a weighted average pressure calculation for the entire system to increase the accuracy during the water loss calculation due to system pressure. Obtained detailed information from customer service to determine rankings evaluations for items related to meter accuracy and meter programs. We obtained clarification from AWWA Water Loss Technical Assistance in relation to items to be considered for the financial evaluation.

Certification Statement by Utility Executive:

This water loss audit report meets the requirements of California Code of Regulations Title 23, Division 2, Chapter 7 and the California Water Code Section 10608.34 and has been prepared in accordance with the method adopted by the American Water Works Association, as contained in their manual, *Water Audits and Loss Control Programs, Manual M36, Fourth Edition* and in the Free Water Audit Software version 5.

Tom Moody

Acting General Manager

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DocuSigned by:

Tom Moody

9/26/2017

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Executive Name (Print)

Executive Position

Signature

Date

Utility Provided